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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/021,566
Filing Date	December 12, 2001
First Named Inventor	Douglas G. Hunter, et al.
Art Unit	3746
Examiner Name	Charles G. Freay
Attorney Docket Number	DKT-00147A (BWI-00061)

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input checked="" type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Transmittal of Formal Drawings;
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	Nine (9) Sheets of Formal Drawings;
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	Return Receipt Postcard
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	Applicant believes no fee to be due for the attached filing, however, should additional fees be due in order to prevent the abandonment of this application, please consider this as authorization to charge Deposit Account No. 501612 (Warn, Hoffmann, Miller & LaLone, P.C.) for any such fees due. A duplicate copy of this document is enclosed for this purpose.	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Warn, Hoffmann, Miller & LaLone, P.C. Preston H. Smirman - Reg. No. 35,365
Signature	
Date	November 15, 2004

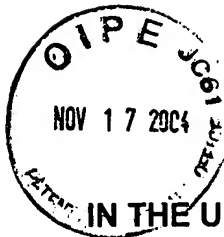
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Typed or printed name	Preston H. Smirman - Reg. No. 35,365		
Signature		Date	November 15, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT

Application No. 10/021,566
Filing Date: December 12, 2001
Applicant: Douglas G. Hunter, et al.
Group Art Unit: 3746
Examiner: Charles G. Freay
Title: VARIABLE DISPLACEMENT VANE PUMP WITH
VARIABLE TARGET REGULATOR
Attorney Docket: DKT 00147A (BWI-00061)

Mail Stop Issue Fee
Commissioner for Patents
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TRANSMITTAL OF FORMAL DRAWINGS

Sir:

Subject to the approval of the Examiner in charge of this application,
please enter the enclosed nine (9) sheets of formal drawings and substitute
them for the informal drawings filed with this application.

Respectfully submitted,

WARN, HOFFMANN, MILLER & LALONE, P.C.
Attorneys for Applicant(s)

By: 
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Dated: November 15, 2004
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